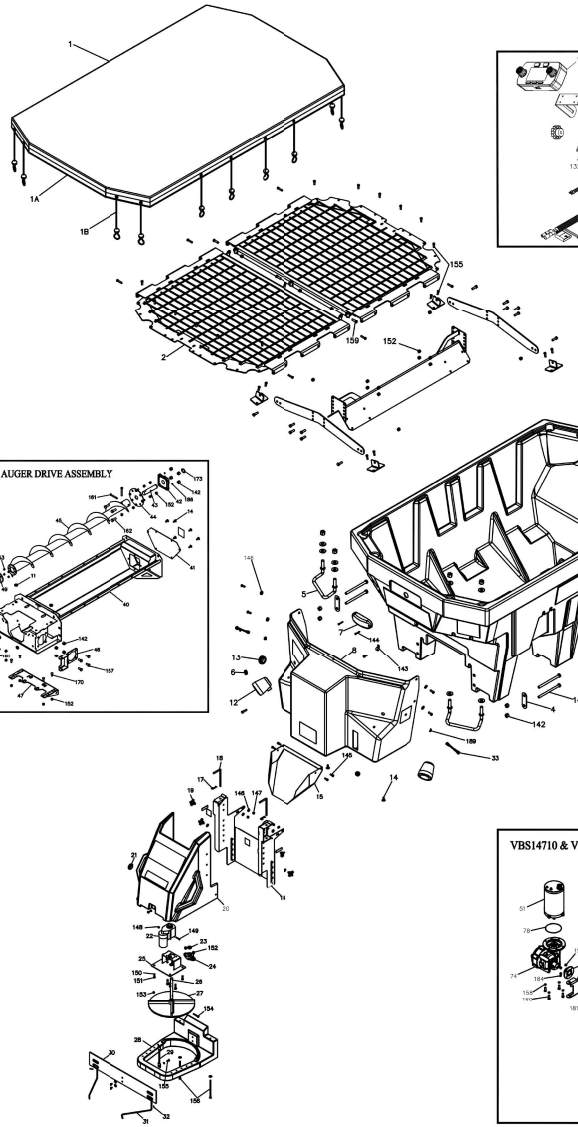
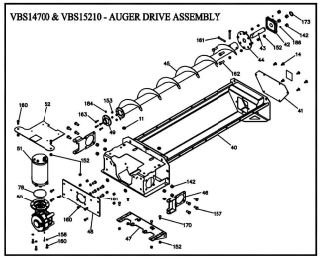
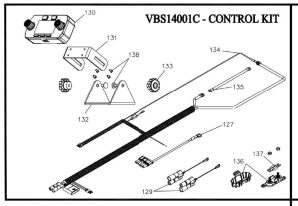
VBX V-BOX SPREADERS
PARTS EXPLOSION
2020 - 2021

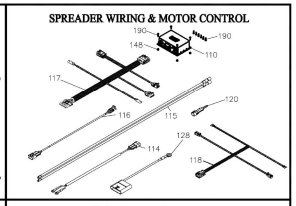
BOSS SNOWPLOW

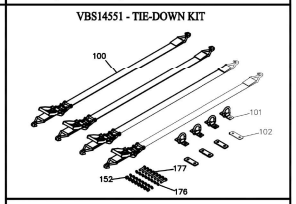
SmartShield EXCLUSIVE CORROSION-RESISTANT PAINT FINISH

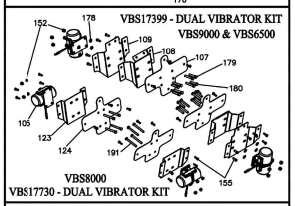


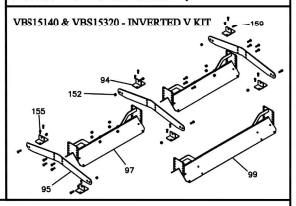


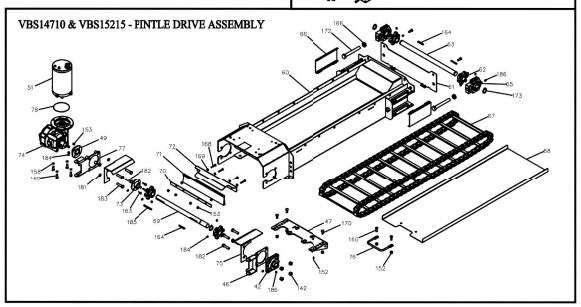












SPREADER COMPONENTS

1	Hopper Cover (6.5' Tarp)	VBS15175
	Hopper Cover (8' Tarp)	VBS14399
	Hopper Cover (9' Tarp)	VBS15313
1A	Includes: (1) Tarp (8' or 9')	
1B	(16) Tie-Down Bungee (8) Piece Bungee kit	VBS15325
2	Top Screen Part (6.5')	VBS17365-03
	Top Screen Part (8')	VBS17379-03
	Top Screen Part (9')	VBS17390-03
3	Hopper (6.5')	VBS15149
	Hopper (8')	VBS20800
	Hopper (9')	VBS14693
4	Bolt Plate	VBS14517
5	Lift Strap Bar	VBS14038
6	GRMT,5/8ID,3/16GW,13/16GD,1-1/16	MSC19344
7	Center High Mounted Stop Light (CHMSL)	VBS14548
8A	Front Cover, Auger	VBS14571
8B	Front Cover, Pintle	VBS14011
11	Grommet, 9/16" I.D. X 3/4" O.D. X 1/8" Groove	MSC14544
12	55 W Halogen Light	MSC12249
13	Grommet, 1-1/4" I.D. X 1-1/2" O.D. X 3/16" Groove	MSC14559
14	8 mm Plastic Rivet	HDW09299
15	Chute	VBS14450
16	Height Adjust Assembly	VBS17720
17	Hairpin Cotter	HDW14032
18	Latch Pin, Spinner Assembly	VBS14180
19	Threaded Knob	HDW14016
20	Spinner Housing Top	VBS14006
21	Grommet, 1-1/8"	MSC03761
22	Spinner Gearmotor	TGS05898
23	Shaft Seal	TGS05809
24	Bearing, 3/4" Pillow Block	TGS15532
25	Spinner Motor Mount Weldment	VBS14010
26	3/4" Diameter Spinner Shaft	VBS14008
27	14-1/2" Spinner Disk, Urethane	VBS14017
28	Spinner Housing Bottom	VBS14007
29	Front Rod	VBS14037
30	Adjustable Deflector	VBS14039
31	Deflector Bracket	MSC17203
32	Cotter Pin, 3/32" X 5/8" ST/ST 18-8	HDW14430
33	12 mm Momentary Switch SST	MSC17636

VBS14700 & VBS15210 - AUGER DRIVE ASSEMBLY COMPONENTS

40	Auger Drive Train Weldment, (6.5')	VBS17740
	Auger Drive Train Weldment, (8' & 9')	VBS17750
41	Rear Cover, Auger	VBS14221
42	4-Bolt Flange Bearing	VBS14405
43	End Shaft	VBS14225
44	Bearing Mount Weldment	VBS14215
45	Auger, 6" O.D. X 9" Pitch (6.5')	VBS15120-03
	Auger, 6" O.D. X 9" Pitch (8' & 9')	VBS14260-03
46	Pin Lock Weldment (PS)	VBS14025
47	Slide Stop Weldment	VBS18350
48	Auger Motor Mount Plate	VBS15157
49	Coupling, 30 mm	VBS14585
50	Gearbox, 91.6:1	VBS14470
51	1/2 HP Motor, ST/ST	VBS14472
52	Auger Cover Plate	VBS15156

VBS14710 & VBS15215- PINTLE DRIVE ASSEMBLY COMPONENTS

60	Pintle Drive Train Weldment, (6.5')	VBS17080
	Pintle Drive Train Weldment, (8' & 9')	VBS17090
61	Rear Cover, Pintle	VBS14223
62	Sprocket 602-6T	VBS14410
63	Rear Shaft	VBS14407
65	Take-Up Bearing	VBS14406
66	Cover, Take-Up Bearing	VBS14518
67	Pintle Chain (6.5')	VBS15190
	Pintle Chain (8' & 9')	VBS14639
68	Drawer (6.5')	VBS14256
	Drawer (8' & 9')	VBS14255
69	Front Shaft	VBS14408
70	Sweeper Mounting Bar	VBS14537
71	Sweeper	VBS14523
72	Feed Plate Extension	VBS17372
73	Coupling, 1-1/4"	VBS14538
74	Gearbox, 137:1	VBS14471
76	Drop Pan Handle	VBS14522
77	Pin Lock Weldment (DR)	VBS14610
78	O-RING [4.50 X .063] BUTYL	MSC17765
	TGS05958 KIT - DEFLECTOR BRKT W/HDW ONE TGS	
31	Deflector Bracket	MSC17203
32	Cotter Pin, 3/32" X 5/8" ST/ST 18-8	HDW14430

SLS14576-3

BOSS Products reserves the right under its continuous product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used herein.

This product is covered under one or more of the following patents:
PATENTS: www.ttcopats.com
Other Patents Pending

VBS14001C - CONTROL KIT

SPREADER WIRING & MOTOR CONTROL

VBS14551 - TIE-DOWN KIT

VBS17399 - DUAL VIBRATOR KIT
VBS9000 & VBS6500

VBS8000
VBS17730 - DUAL VIBRATOR KIT

VBS15140 & VBS15320 - INVERTED V KIT

VBS14700 & VBS15210 - AUGER DRIVE ASSEMBLY

VBS14710 & VBS15215 - FINTLE DRIVE ASSEMBLY

VBS15140 & VBS15320 - INVERTED V KIT COMPONENTS

94	Mounting Bracket Assembly,IVB	VBS17770-03
95	Main Horizontal Bracket	VBS14297-03
97	Inverted V Baffle 8' & 9'	VBS14395-03
98	Fastener Kit Inverted V	HDW15316
	Includes 152 (18) Nut, Nylon Locking, 3/8"-16, ST/ST 18-8 (HDW05854)	
	159 (18) Hex Head Cap Screw, 3/8"-16 X 1-1/4" ST/ST 18-8 (HDW14431)	
	155 (22) Lag Screw, 5/16" X 1" ST/ST 18-8 (HDW18316)	
99	Inverted V baffle 6.5'	VBS15141-03

VBS14551 - TIE-DOWN KIT COMPONENTS

100	Ratchet Strap, 2" X 10' (4)	VBS14547
101	D-Ring Kit	MSC17202
102	Bedmount Plate	VBS14550
103	Fastener Kit, Tie-Down Kit	VBS14552
	Includes 152 (8) Nut, Nylon Locking, 3/8"-16, ST/ST 18-8 (HDW05854)	
	176 (16) Washer, Flat, 3/8" ST/ST 18-8 (HDW05859)	
	177 (8) Hex Head Cap Screw, 3/8"-16 X 1-1/2" ST/ST 18-8 (HDW05995)	

VBS15201 & VBS15211 - PINTLE DROP PAN WITH HDW KITS

68	Drawer (6.5)	VBS14256
	Drawer (8' & 9')	VBS14255
76	Drop Pan Handle	VBS14522
160	Hex Head Cap Screw, 3/8"-16 X 1" ST/ST 18-8	HDW05853
152	Nut, Nylon Locking, 3/8"-16, Moly Thread, ST/ST 18-8	HDW05854

VBS17399 & VBS17730 - DUAL VIBRATOR KIT COMPONENTS

105	Vibrator (2)	MSC14275
106	Fastener Kit Dual Vibrator [VBS17399]	HDW17398
	Includes 178 (8) Push Nut Retainer, 3/8 plt (HDW02003)	
	179 (8) Hex Head Cap Screw, 3/8"-16 X 2" GR5 PLT (HDW05515)	
	180 (8) Hex Head Cap Screw, 3/8"-16 X 2-1/2" ST/ST 18-8 (HDW05849)	
	152 (8) Nut, 3/8"-16, NYL INS, ST/ST 18-8 (HDW05854)	
	155 (14) Lag Screw, 5/16" X 1" ST/ST 18-8 (HDW18316)	
107	Vibrator Mounting Plt Inside VBS15149 & VBS14693	VBS17540-03
108	Vibrator Mounting Plt Outside VBS14203	VBS17368-03
109	Vibrator Mounting Plt Outside VBS15149 & VBS14693	VBS17375-03
123	Vibrator Mounting Plt Outside VBS20800	VBS17774-03
124	Vibrator Mounting Plt Inside VBS20800	VBS17773-03
125	Fastener Kit Dual Vibrator [VBS17730]	HDW17731
	Includes 152 (8) Nut, 3/8"-16, NYL INS, ST/ST 18-8 (HDW05854)	
	155 (14) Lag Screw, 5/16" X 1" ST/ST 18-8 (HDW18316)	
	191 (8) Hex Head Cap Screw, 3/8"-16 X 3-1/2" ST/ST 18-8 (HDW17725)	

SPREADER WIRING & MOTOR CONTROL

110	Motor Control	MSC17870
114	Spinner Harness	MSC14284
115	Power / Ground Cable	VBS14285
116	Spinner Jumper	MSC14024
117	Main Harness	VBS17980
118	Cover/Light Harness	VBS14309
120	Jumper Plug, Main Harness, VBS	VBS17637
128	Dust Cap, Spreader side Harness	VBS14267

VBS14001C - CONTROL KIT COMPONENTS

127	Dust Cap, Tuck side Harness V-Box	VBS14266
129	Dust Cap (PWR/GRD)	MSC07721
130	Display Control	MSC17990
131	Upper Control Mount Bracket	VBS14461-03
132	Lower Control Mount Bracket	VBS14460-03
134	Vehicle Side Harness	VBS14283
135	24" Battery Cable	HYD12814
136	Fuse Holder	MSC13176
137	Fuse (150 Amp)	MSC13177
138	Fastener Kit Display Control	HDW14464
	Includes 133 (2) Thumb Screw (HDW14463)	
	Various Mounting Hardware, Connectors,and Materials	

HARDWARE

140	Nut, Nylon Locking, 5/8"-11 ST/ST 18-8	HDW14035
141	Hex Head Cap Screw, 1/2"-13 X 7 ST/ST 18-8	HDW11799
142	Nut, Nylon Locking, 1/2"-13 ST/ST 18-8	HDW14426
143	Wire Clamp	HDW05631
144	Pan Head Screw, #10 X 1-1/2", Phillips, ST/ST 18-8	HDW14437
145	Hex Head Cap Screw, 5/16"-18 X 1" ST/ST 18-8	HDW14534
146	Washer, Fla, 5/16" ST/ST 18-8	HDW14535
147	Nut, Nylon Locking, 5/16"-18 ST/ST 18-8	HDW14557
148	Nut, Nylon Locking, #10-32 ST/ST 18-8	HDW05856
149	Allen Head Cap Screw, 1/4"-20 X 2" ST/ST 18-8	HDW10778
150	Lock Washer, 3/16" ST/ST 18-8	HDW14536
151	Hex Head Cap Screw, 5/16"-18 X 1/2" ST/ST 18-8	HDW14546
152	Nut, Nylon Locking, 3/8"-16, Moly Thread, ST/ST 18-8	HDW05854
153	Nut, Nylon Locking, 1/4"-20 ST/ST 18-8	HDW05851
154	Hex Head Cap Screw, 1/4"-20 X 2" ST/ST 18-8	HDW05857
155	Lag Screw, 5/16" X 1" ST/ST 18-8	HDW18316
156	Hex Head Cap Screw, 5/16"-18 X 6-1/2" ST/ST 18-8	HDW14545
157	Hex Head Cap Screw, 1/2"-13 X 1" ST/ST 18-8	HDW14421
158	Lock Washer, 3/8" ST/ST 18-8	HDW14439
159	Hex Head Cap Screw, 3/8"-16 X 1-1/4" ST/ST 18-8	HDW14431
160	Hex Head Cap Screw, 3/8"-16 X 1" ST/ST 18-8	HDW05853
161	Hex Head Cap Screw, 3/8"-16 X 3" ST/ST 18-8	HDW14558
162	Hex Head Cap Screw, 1/2"-13 X 1-1/2" ST/ST 18-8	HDW14422
163	Hex Head Cap Screw, 1/4"-20 X 1" ST/ST 18-8	HDW14533
164	Key, 2" X .025" X 0.23"	MSC14419
165	Key, 2.5" X0.23" X 0.23"	MSC14448
166	Nut, Jam, 3/4"-10 ST/ST 18-8	HDW14424
167	Nut, Jam, Tap Lock, 3/4"-10 ST/ST 18-8	HDW14425
168	Hex Head Cap Screw, 1/4"-20 X 1-3/4", Full Thread ST/ST 18-8	HDW14566
169	Washer, Fla, 1/4" ST/ST 18-8	HDW06299
170	Carriage Bolt, 3/8"-16 X 1" ST/ST 18-8	HDW18163
172	Hex Head Cap Screw, 3/4"-10 X 6", Full Thread ST/ST 18-8	HDW14420
173	Snap Ring 1/4"	HDW14226
176	WASHER,.98" FLAT,ST/ST 18-8	HDW14028
176	Washer, Fla, 3/8" ST/ST 18-8	HDW05859
177	Hex Head Cap Screw, 3/8"-16 X 1-1/2" ST/ST 18-8	HDW05995
178	Push Nut Retainer, 3/8 plt	HDW02003
179	Hex Head Cap Screw, 3/8"-16 X 2" GR5 plt	HDW05515
180	Hex Head Cap Screw, 3/8"-16 X 2-1/2" ST/ST 18-8	HDW05849
181	Lock Washer, 1/2" ST/ST 18-8	HDW14457
182	Hex Head Cap Screw, 1/2"-13 X 2" ST/ST 18-8	HDW14456
183	Hex Head Cap Screw, 1/2"-13 X 2-1/2" ST/ST FULL THREAD	HDW17285
184	Set Screw, 5/16-18 X 3/8, Knur	HDW14415
185	Key, Parallel, 3 X .23 X .23	MSC14456
186	Set Screw, 5/16-24 X 5/16, Knur	HDW14189
189	Spring Retaining Clip, 12mm	HDW15162
190	Pan Head Screw, #10-32 X 3/4", Phillips, ST/ST 18-8	HDW14438
191	HHCS,3/8-16X3-1/2,ST/ST 18-8	HDW17725

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